

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2006/302092

A. CLASSIFICATION OF SUBJECT MATTER

G10L21/02 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G10L21/02 (2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2006

Kokai Jitsuyo Shinan Koho 1971-2006 Toroku Jitsuyo Shinan Koho 1994-2006

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JSTPlus (JDream2), IEEE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2004-170552 A (Fujitsu Ltd.), 17 June, 2004 (17.06.04), Par. Nos. [0045] to [0054]; Fig. 6 (Family: none)	1-32
A	Sawada et al., "A robust and precise method for solving the permutation problem of frequency- domain blind source separation", IEEE Transactions on Speech and Audio Processing, 2004.09, Vol.12, No.5, pages 530 to 538	1-32
A	Sawada et al., "Polar coordinate based nonlinear function for frequency-domain source separation", IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 01 March, 2003 (01.03.03), Vol.E86-A, Vol.3, pages 590 to 596	1-32

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
11 April, 2006 (11.04.06)Date of mailing of the international search report
18 April, 2006 (18.04.06)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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PCT/JP2006/302092

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	SAWADA et al., 'Taongen ni Taisuru Shuhasu Ryoiki Blind Ongen Bunri', The Japanese Society for Artificial Intelligence AI Challenge Symposium (Dai 22 Kai), 14 October, 2005 (14.10.05), pages 17 to 22	1-32
T	Sawada et al., "Blind extraction of a dominant source signal from mixtures of many sources", Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2005 (ICASSP '05), 18 March, 2003 (18.03.03), Vol.3, pages 61 to 64	1-32